

Phusion Polymerase PCR

Material	Volume	Concentration
dH2O	32 QS 50µL	-
5x Phusion HF Buffer	10 µL	-
dNTPs (50x)	1 µL	10 mM
Fwd Primer (20x)	2.5 µL	10 µM
Rev Primer (20x)	2.5 µL	10 µM
Template	Variable (~1uL)	
Phusion DNA Polymerase (100x)	1 µL	100x stock

Thermocycling:

Temp. (°C)	Time	Cycle
98	0:30	
98	0:10	
45-72*	0:30	25-35X
72	0:30/kb	
72	10:00	
4	∞	

*Round down T_m for lowest annealing temperature primer